

FORM PTO-1449		ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,731
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Monforte	FILING DATE December 11, 2001
		FILING DATE December 11, 2001	
		GROUP 1743	RECEIVED MAR 03 2003 GROUP 1700

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FEB 25 2003  
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PATENT & TRADEMARK OFFICE*

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
NONE							

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Trans. Yes
	Ge	0	0	2	9	5	5	5	05/25/00	PCT			
	GC	0	1	2	3	6	1	9	04/05/01	PCT			
	Gu	0	1	8	4	1	5	4	11/08/01	PCT			
	Gr	0	1	9	4	9	5	0	12/13/01	PCT			
	Gr	0	2	3	9	1	2	0	05/16/02	PCT			
	Gu	9	9	1	0	4	8	5	03/04/99	PCT			
	Gr	9	9	5	6	1	2	9	11/04/99	PCT			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		NONE
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EXAMINER Mary Court

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7/15/04

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Title: MULTIPLEXED PROTEIN EXPRESSION AND ACTIVITY ASSAY

FORM PTO-1449 (Modified)

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24743-2308SERIAL NO.  
10/014,731

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LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
Gr	A	4	6	8	3	2	0	2		07/28/87	Mullis	435	91	10/25/85
Gr	B	5	2	2	3	4	0	8		06/29/93	Goeddel et al.	435	69.3	07/11/91
Gr	C	5	2	2	3	4	0	9		06/29/93	Ladner et al.	435	69.7	03/01/91
Gr	D	5	2	8	8	6	2	2		02/22/94	Gray et al.	435	69.4	06/11/92
Gr	E	5	3	1	6	9	2	2		05/31/94	Brown et al.	435	69.7	04/15/92
Gr	F	5	3	4	8	8	6	7		09/20/94	Georgiou et al.	435	69.7	11/15/91
Gr	G	5	3	8	2	5	1	3		01/17/95	Lam et al.	435	7.1	02/08/93
Gr	H	5	3	9	5	7	5	0		03/07/95	Dillon et al.	435	5	02/28/92
Gr	I	5	4	0	3	4	8	4		04/04/95	Ladner et al.	435	235.1	01/26/93
Gr	J	5	8	6	4	1	3	7		01/26/99	Becker et al.	250	287	10/01/96
Gr	K	5	9	6	5	3	6	3		10/12/99	Monforte et al.	435	6	12/02/96
Gr	L	6	0	5	1	3	7	8		04/18/00	Monforte et al.	435	6	03/04/97
Gr	M	6	0	9	0	5	5	0		07/18/00	Butler et al.	435	6	09/18/98
Gr	N	6	1	0	4	0	2	8		08/15/00	Hunter et al.	250	288	05/29/98
Gr	O	6	2	3	2	1	0	7		05/15/01	Bryan et al.	435	189	03/26/99

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes      No
None														

EXAMINER Mary Lant

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		FILING DATE December 11, 2001	

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Gr	P	Arnheim <i>et al.</i> , "Polymerase Chain Reaction", <i>C&amp;EN</i> , pp. 36-47, 1990
Gr	Q	Arnott <i>et al.</i> , "An Integrated Approach to Proteome Analysis: Identification of Proteins Associated with Cardiac Hypertrophy", <i>Anal. Biochem.</i> , <u>258</u> :1-18, 1998
Gr	R	Barringer <i>et al.</i> , "Blunt-End and Single-Strand Ligations by <i>Escherichia coli</i> Ligase: Influence on an in vitro Amplification", <i>Gene</i> , <u>89</u> :117-122, 1990
Gr	S	Black <i>et al.</i> , "Random Sequence Mutagenesis for the Generation of Active Enzymes", <i>Methods in Mol. Biol.</i> , <u>57</u> :335-349, 1996
Gr	T	Boublík <i>et al.</i> , "Eukaryotic Virus Display: Engineering the Major Surface Glycoprotein of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus (AcNPV) for the Presentation of Foreign Proteins on the Virus Surface", <i>Biotechnology</i> , <u>13</u> :1079-1084, 1995
Gr	U	Bruchez <i>et al.</i> , "Semiconductor Nanocrystals as Fluorescent Biological Labels", <i>Science</i> , <u>281</u> :2013-2016, 1998
Gr	V	Burritt <i>et al.</i> , "Filamentous Phage Display of Oligopeptide Libraries", <i>Anal. Biochem.</i> , <u>238</u> :1-13, 1996
Gr	W	Celis <i>et al.</i> , "2D Protein Electrophoresis: Can It Be Perfected?", <i>Curr. Opin. Biotechnol.</i> , <u>10</u> :16-21, 1999
Gr	X	Chee <i>et al.</i> , "Accessing Genetic Information with High-Density DNA Arrays", <i>Science</i> , <u>274</u> :610-614, 1996
Gr	Y	Chiswell <i>et al.</i> , "Phage Antibodies: Will New 'Coliclonal' Antibodies Replace Monoclonal Antibodies?", <i>Trends Biotechnol.</i> , <u>10</u> :80-84, 1992
Gr	Z	Clackson <i>et al.</i> , "Making Antibody Fragments Using Phage Display Libraries", <i>Nature</i> , <u>352</u> :624-628, 1991
Gr	AA	Easterling <i>et al.</i> , "Monitoring Protein Expression in Whole Bacterial Cells with MALDI Time-of-Flight Mass Spectrometry", <i>Anal. Chem.</i> , <u>70</u> (13):2704-2709, 1998
Gr	AB	Fannon, M., "Gene Expression in Normal and Disease States - Identification of Therapeutic Targets", <i>Trends Biotechnol.</i> , <u>14</u> :294-298, 1996
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Gr	AD	Fodor, S., "Massively Parallel Genomics", <i>Science</i> , <u>277</u> :393-395, 1997
or	AE	Fodor, S., "Genes, Chips, and the Human Genome", <i>FASEB Journal</i> , <u>11</u> :A879, 1997

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		FILING DATE December 11, 2001	

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Gr	AF	Fu <i>et al.</i> , "Isolation from Phage Display Libraries of Single Chain Variable Fragment Antibodies that Recognize Conformational Epitopes in the Malaria Vaccine Candidate, Apical Membrane Antigen-1", <i>J. Biol. Chem.</i> , <u>272</u> (41):25678-25684, 1997
Gr	AG	Garden <i>et al.</i> , "Excess Salt Removal with Matrix Rinsing: Direct Peptide Profiling of Neurons from Marine Invertebrates Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>J. Mass Spectrom.</i> , <u>31</u> :1126-1130, 1996
Gr	AH	Glaser <i>et al.</i> , "Antibody Engineering by Codon-Based Mutagenesis in a Filamentous Phage Vector System", <i>J. Immunol.</i> , <u>149</u> (12):3903-3913, 1992
G	AI	Gonzalez <i>et al.</i> , "Intracellular Detection Assays for High-Throughput Screening", <i>Curr. Opin. Biotechnol.</i> , <u>9</u> :624-631, 1998
Gr	AJ	Griffiths <i>et al.</i> , "Isolation of High Affinity Human Antibodies Directly from Large Synthetic Repertoires", <i>EMBO J.</i> , <u>13</u> (14):3245-3260, 1994
Gr	AK	Guatelli <i>et al.</i> , "Isothermal, <i>in vitro</i> Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :1874-1878, 1990
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Gr	AM	Hill <i>et al.</i> , "Phage Presentation", <i>Mol. Biol.</i> , <u>20</u> (4):685-692, 1996
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Gr	AR	Huse <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> , <u>246</u> :1275-1281, 1989
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*Mary Bent*

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Gr	AT	IUPAC-IUB Combined Commission on Biochemical Nomenclature Abbreviated Nonemclature of Synthetic Polypeptides (Polymerized Amino Acids) <sup>1-3</sup> Tentative Rules", <i>J. Biol. Chem.</i> , <u>243</u> (10):2451-2453, 1968
Gr	AU	Jessen <i>et al.</i> , "Production of Human Hemoglobin in <i>Escherichia coli</i> Using Cleavable Fusion Protein Expression Vector", <i>Methods Enzymol.</i> , <u>231</u> :347-364, 1994
Gr	AV	Jimenez <i>et al.</i> , "Ultramicroanalysis of Peptide Profiles in Biological Samples Using MALDI Mass Spectrometry", <i>Exp Nephrol.</i> , <u>6</u> :421-428, 1998
Gr	AW	Kirk-Othmer Encyclopedia of Chemical Technology, Volume 5, Fourth Edition, pp. 1071-1094
Gr	AX	Kohler <i>et al.</i> , "Continuous Cultures of Fused Cells Secretin Antibody of Predefined Specificity", <i>Nature</i> , <u>256</u> :495-497, 1975
Gr	AY	Kozian <i>et al.</i> , "Comparative Gene-Expression Analysis", <i>Trends Biotechnol.</i> , <u>17</u> :73-78, 1999
Gr	AZ	Kwoh <i>et al.</i> , "Transcription-based Amplification System and Detection of Amplified Human Immunodeficiency Virus Type 1 with a Bead-Based Sandwich Hybridization Format", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :1173-1177, 1989
Gr	BA	Landegren <i>et al.</i> , "A Ligase-Mediated Gene Detection Technique", <i>Science</i> , <u>241</u> :1077-1080, 1988
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Gr	BC	Lomelli <i>et al.</i> , "Quantitative Assays Based on the Use of Replicable Hybridization Probes", <i>Clin. Chem.</i> , <u>35</u> (9):1826-1831, 1989
Gr	BD	Lowman, H.B., "Bacteriophage Display and Discovery of Peptide Leads for Drug Development", <i>Annu. Rev. Biophys. Biomol. Struct.</i> , <u>26</u> :401-424, 1997
Gr	BE	Methods and Materials: Amplification of Nucleic Acid Sequences: The Choices Multiply, <i>The Journal of NIH Research</i> , <u>3</u> :81-86, 1991
Gr	BF	Nicola <i>et al.</i> , "Application of the Fast-evaporation Sample Preparation Method for Improving Quantification of Angiotensin II by Matrix-assisted Laser Desorption/Ionization", <i>Rapid Commun. Mass Spectrom.</i> , <u>9</u> :1164-1171, 1995
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TECH CENTER 1600/290			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Gr</i>	BH	Parmley <i>et al.</i> , "Antibody-selectable Filamentous fd Phage Vectors: Affinity Purification of Target Genes", <i>Gene</i> , <u>73</u> :305-318, 1988
<i>Gr</i>	BI	Persic <i>et al.</i> , "Single-chain Variable Fragments Selected on the 57-76 p21R as Neutralising Epitope from Phage Antibody Libraries Recognise the Parental Protein", <i>FEBS Lett.</i> , <u>443</u> :112-116, 1999
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<i>Gr</i>	BK	Rodi <i>et al.</i> , "Phase-display Technology - Finding a Needle in a Vast Molecular Haystack", <i>Curr. Opin. Biotechnol.</i> , <u>10</u> :87-93, 1987
<i>Gr</i>	BL	Sambrook <i>et al.</i> , "Molecular Cloning, A Laboratory Manual", Cold Spring Harbor Laboratory Press, Chapter 8, Vol. 3, p. B.13, 1989
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<i>Gr</i>	BN	Shen <i>et al.</i> , "Production of Unmodified Human Adult Hemoglobin in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , <u>90</u> :8108-8112, 1993
<i>Gr</i>	BO	Smith <i>et al.</i> , "Single-step Purification of Polypeptides Expressed in <i>Escherichia coli</i> as Fusions with Glutathione S-Transferase", <i>Gene</i> , <u>67</u> :31-40, 1988
<i>Gr</i>	BP	Solouki <i>et al.</i> , "Attomole Biomolecule Mass Analysis by Matrix-Assisted Laser Desorption/Ionization Fourier Transform Ion Cyclotron Resonance", <i>Anal. Chem.</i> , <u>67</u> :4139-4144, 1996
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<i>Gr</i>	BR	Studier <i>et al.</i> , "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", <i>Methods Enzymol.</i> , <u>185</u> :60-89, 1990
<i>Gr</i>	BS	Suto <i>et al.</i> , "Selection of an Optimal Reporter Gene for Cell-Based High Throughput Screening Assays", <i>J. Biomol. Screening</i> , <u>2</u> (1):7-9, 1997
<i>Gr</i>	BT	Tijssen <i>et al.</i> , "Enzyme-linked Immunosorbent Assays and Developments in Techniques Using Latex Beads", <i>Curr. Opin. Immunol.</i> , <u>3</u> :233-237, 1991
<i>Gr</i>	BU	van Adrichem <i>et al.</i> , "Investigation of Protein Patterns in Mammalian Cells and Culture Supernatants by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry", <i>Anal. Chem.</i> , <u>70</u> :923-930, 1998

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*Darryl Court*

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

fc	BV	Van Brunt, J., "Amplifying Genes: PCR and Its Alternatives", <i>Biotechnology</i> , <u>8</u> :291-294, 1990
gr	BW	Vastzis <i>et al.</i> , "Discovery of Three Genes Specifically Expressed in Human Prostate by Expressed Sequence Tag Database Analysis", <i>Proc. Natl. Acad. Sci. USA</i> , <u>95</u> :300-304, 1998
gr	BX	Ward <i>et al.</i> , "Binding Activities of a Repertoire of Single Immunoglobulin Variable Domains Secreted from <i>Escherichia coli</i> ", <i>Nature</i> , <u>341</u> :544-546, 1989
gr	BY	Watson <i>et al.</i> , "Molecular Biology of the Gene", 4th Edition, 1987, The Benjamin/Cummins Pub. Co., p. 224
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gr	CB	Wilson <i>et al.</i> , "Phage Display: Applications, Innovations, and Issues in Phage and Host Biology", <i>Can. J. Microbiol.</i> , <u>44</u> :313-329, 1998
gr	CC	Woo <i>et al.</i> , "The Advance of Technology as a Prelude to the Laboratory of the Twenty-First Century", <i>Clin. Lab. Med.</i> , <u>14</u> :459-471, 1994
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